

Yuma MSA TERM Ranking by Occupation '06-'08

TERM: Training & Education Resource Model

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1

Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
1	17-2051	Civil Engineers	9	\$32.16	709	6.5	4.7	Bachelor's degree
2	23-1011	Lawyers	13	\$36.61	568	4.8	4.0	First professional degree
3	13-1111	Management Analysts	17	\$29.96	657	3.8	3.1	Bachelor's or higher deg. + work exp.
4	11-1021	General and Operations Managers	26	\$35.66	659	2.3	1.4	Bachelor's or higher deg. + work exp.
5	13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Tr	19	\$24.52	604	4.8	2.4	Long-term on-the-job training
6	33-1012	First-Line Supervisors/Managers of Police and Detectives	10	\$28.50	763	5.1	1.7	Work experience in a related occupation
7	19-3021	Market Research Analysts	12	\$35.45	517	7.7	2.8	Bachelor's degree
8	11-9051	Food Service Managers	14	\$19.40	664	5.6	3.5	Work experience in a related occupation
9	29-1111	Registered Nurses	36	\$28.55	645	2.6	1.4	Associate degree
10	17-2071	Electrical Engineers	4	\$32.75	651	7.9	6.0	Bachelor's degree
11	33-3051	Police and Sheriff's Patrol Officers	19	\$18.54	730	3.8	1.5	Long-term on-the-job training
12	11-9032	Education Administrators, Elementary and Secondary School	7	\$30.47	675	3.5	1.6	Bachelor's or higher deg. + work exp.
13	17-2141	Mechanical Engineers	5	\$31.23	649	4.8	2.0	Bachelor's degree
14	11-9081	Lodging Managers	6	\$22.95	585	7.0	5.0	Work experience in a related occupation
15	13-2011	Accountants and Auditors	17	\$24.67	582	2.7	1.5	Bachelor's degree
16	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Pro	13	\$22.86	593	3.8	1.5	Moderate-term on-the-job training
17	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	11	\$24.34	736	2.4	1.1	Work experience in a related occupation
18	17-2072	Electronics Engineers, Except Computer	3	\$31.63	673	8.1	5.0	Bachelor's degree
19	13-1073	Training and Development Specialists	5	\$26.85	606	4.5	3.5	Bachelor's degree
20	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	31	\$17.54	641	2.9	1.5	Work experience in a related occupation
21	15-1071	Network and Computer Systems Administrators	4	\$22.33	697	6.3	6.0	Bachelor's degree
21	33-2011	Fire Fighters	13	\$15.60	753	4.8	1.8	Long-term on-the-job training
23	29-1051	Pharmacists	5	\$47.57	554	3.9	2.0	First professional degree
24	17-2081	Environmental Engineers	3	\$33.96	619	7.1	4.0	Bachelor's degree

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
25	15-1032	Computer Software Engineers, Systems Software	3	\$34.85	647	5.1	4.0	Bachelor's degree
26	15-1081	Network Systems and Data Communications Analysts	3	\$28.39	669	6.7	4.0	Bachelor's degree
27	43-5052	Postal Service Mail Carriers	12	\$20.43	454	6.3	2.3	Short-term on-the-job training
28	11-9041	Engineering Managers	2	\$39.20	692	6.3	3.0	Bachelor's or higher deg. + work exp.
29	47-4011	Construction and Building Inspectors	4	\$21.69	654	5.9	3.0	Work experience in a related occupation
30	33-1011	First-Line Supervisors/Managers of Correctional Officers	5	\$19.01	682	4.9	2.0	Work experience in a related occupation
31	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	8	\$16.28	721	3.4	2.8	Long-term on-the-job training
32	27-4021	Photographers	9	\$14.69	658	5.4	3.3	Long-term on-the-job training
33	41-1011	First-Line Supervisors/Managers of Retail Sales Workers	37	\$17.29	571	2.1	1.3	Work experience in a related occupation
34	15-1021	Computer Programmers	4	\$29.43	571	4.5	2.5	Bachelor's degree
35	19-2041	Environmental Scientists and Specialists, Including Health	3	\$24.50	711	4.2	4.0	Master's degree
36	17-1022	Surveyors	4	\$22.85	688	5.6	1.3	Bachelor's degree
37	39-9031	Fitness Trainers and Aerobics Instructors	26	\$12.33	570	7.2	3.3	Postsecondary vocational training
38	37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping	6	\$15.33	687	4.3	5.0	Work experience in a related occupation
39	21-1012	Educational, Vocational, and School Counselors	7	\$20.26	560	3.4	1.8	Master's degree
40	27-3041	Editors	10	\$14.15	550	8.8	3.8	Bachelor's degree
41	53-2012	Commercial Pilots	2	\$35.18	729	3.8	2.0	Postsecondary vocational training
42	49-9042	Maintenance and Repair Workers, General	35	\$14.05	627	2.3	1.3	Moderate-term on-the-job training
43	25-9031	Instructional Coordinators	3	\$19.75	647	5.0	5.0	Master's degree
44	15-1041	Computer Support Specialists	7	\$16.37	575	3.7	3.3	Associate degree
45	11-1011	Chief Executives	4	\$54.29	708	0.9	0.6	Bachelor's or higher deg. + work exp.
46	11-2022	Sales Managers	4	\$35.88	577	2.0	1.3	Bachelor's or higher deg. + work exp.
47	27-1024	Graphic Designers	4	\$18.08	550	7.1	6.0	Bachelor's degree
48	13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	5	\$24.13	533	3.8	1.5	Work experience in a related occupation
49	11-3071	Transportation, Storage, and Distribution Managers	3	\$32.23	602	3.1	1.5	Work experience in a related occupation
50	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	10	\$28.87	574	0.3	0.1	Moderate-term on-the-job training
51	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	5	\$18.30	635	3.0	1.5	Postsecondary vocational training

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Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
52	11-3011	Administrative Services Managers	4	\$29.56	577	2.4	1.3	Bachelor's or higher deg. + work exp.
53	49-3011	Aircraft Mechanics and Service Technicians	3	\$21.70	657	3.8	2.0	Postsecondary vocational training
54	49-3023	Automotive Service Technicians and Mechanics	25	\$15.23	686	1.2	0.5	Postsecondary vocational training
55	35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	30	\$11.21	538	5.9	2.3	Work experience in a related occupation
56	47-2152	Plumbers, Pipefitters, and Steamfitters	14	\$14.51	718	1.8	0.8	Long-term on-the-job training
57	43-4051	Customer Service Representatives	34	\$11.86	531	3.4	2.4	Moderate-term on-the-job training
58	53-3033	Truck Drivers, Light or Delivery Services	13	\$14.02	538	2.2	2.7	Short-term on-the-job training
59	17-3031	Surveying and Mapping Technicians	3	\$24.10	615	4.3	1.0	Moderate-term on-the-job training
60	13-2031	Budget Analysts	2	\$27.42	571	4.3	3.0	Bachelor's degree
61	31-9091	Dental Assistants	5	\$15.58	598	3.9	1.5	Moderate-term on-the-job training
62	33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	2	\$23.87	761	4.3	1.0	Work experience in a related occupation
63	37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	13	\$11.09	549	5.3	2.3	Work experience in a related occupation
64	29-2061	Licensed Practical and Licensed Vocational Nurses	5	\$17.58	734	1.4	0.7	Postsecondary vocational training
65	11-3031	Financial Managers	3	\$33.76	587	1.4	1.0	Bachelor's or higher deg. + work exp.
66	31-9092	Medical Assistants	12	\$13.21	557	2.8	1.7	Moderate-term on-the-job training
67	35-2021	Food Preparation Workers	38	\$9.94	517	6.2	1.3	Short-term on-the-job training
68	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5	\$25.50	658	-3.0	0.0	Work experience in a related occupation
69	11-9151	Social and Community Service Managers	3	\$21.49	616	2.5	1.5	Bachelor's degree
70	21-1021	Child, Family, and School Social Workers	4	\$16.19	517	4.9	3.0	Bachelor's degree
71	43-6012	Legal Secretaries	6	\$15.06	484	4.1	2.7	Postsecondary vocational training
72	53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine an	4	\$20.81	650	1.6	0.8	Work experience in a related occupation
73	25-2012	Kindergarten Teachers, Except Special Education	4	\$15.47	596	2.9	3.0	Bachelor's degree
74	21-1022	Medical and Public Health Social Workers	2	\$21.49	570	4.4	3.0	Bachelor's degree
75	29-2052	Pharmacy Technicians	8	\$12.06	492	5.4	4.0	Moderate-term on-the-job training
76	15-1051	Computer Systems Analysts	1	\$26.08	619	4.3	2.5	Bachelor's degree
77	35-1011	Chefs and Head Cooks	8	\$9.82	617	8.1	2.0	Work experience in a related occupation
78	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	3	\$17.74	594	3.9	1.5	Bachelor's degree

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79	43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	4	\$16.67	427	6.0	2.5	Short-term on-the-job training
80	13-2021	Appraisers and Assessors of Real Estate	4	\$17.95	580	2.3	1.3	Postsecondary vocational training
81	13-1022	Wholesale and Retail Buyers, Except Farm Products	2	\$23.50	571	3.7	2.0	Work experience in a related occupation
81	43-5061	Production, Planning, and Expediting Clerks	7	\$15.54	537	2.7	1.2	Short-term on-the-job training
83	19-3031	Clinical, Counseling, and School Psychologists	2	\$24.90	572	2.9	2.0	Doctoral degree
84	47-2211	Sheet Metal Workers	5	\$15.52	578	2.9	1.3	Long-term on-the-job training
85	45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	9	\$18.97	592	-0.8	0.0	Work experience in a related occupation
86	41-2031	Retail Salespersons	121	\$12.05	477	3.0	0.8	Short-term on-the-job training
87	35-2014	Cooks, Restaurant	37	\$8.31	530	6.4	1.6	Long-term on-the-job training
88	23-2011	Paralegals and Legal Assistants	3	\$16.49	530	4.5	4.0	Associate degree
89	51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5	\$18.92	651	0.2	0.1	Work experience in a related occupation
90	29-2041	Emergency Medical Technicians and Paramedics	3	\$13.69	736	3.3	5.0	Postsecondary vocational training
91	17-3011	Architectural and Civil Drafters	2	\$19.60	594	3.8	2.0	Postsecondary vocational training
92	29-1021	Dentists, General	1	\$59.48	777	1.2	1.0	First professional degree
93	13-2041	Credit Analysts	1	\$42.18	545	4.5	1.3	Bachelor's degree
93	21-1091	Health Educators	2	\$18.05	619	3.3	3.0	Master's degree
95	47-4051	Highway Maintenance Workers	3	\$12.76	623	7.1	5.0	Moderate-term on-the-job training
96	25-1011	Business Teachers, Postsecondary	3	\$16.54	607	3.7	1.5	Master's degree
97	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7	\$14.33	522	3.0	1.3	Moderate-term on-the-job training
98	47-2031	Carpenters	10	\$15.59	662	-3.6	0.0	Long-term on-the-job training
99	29-1123	Physical Therapists	1	\$39.07	659	1.6	1.3	Master's degree
100	43-6011	Executive Secretaries and Administrative Assistants	23	\$14.25	475	1.7	1.0	Moderate-term on-the-job training
101	29-1063	Internists, General	1	\$88.17	679	1.3	1.0	First professional degree
102	49-9041	Industrial Machinery Mechanics	4	\$18.40	692	0.6	0.3	Long-term on-the-job training
103	39-9032	Recreation Workers	4	\$11.74	633	5.0	2.5	Short-term on-the-job training
104	47-2161	Plasterers and Stucco Masons	10	\$11.17	627	2.2	1.4	Long-term on-the-job training
105	35-2011	Cooks, Fast Food	41	\$6.83	515	7.0	1.7	Short-term on-the-job training
106	25-9041	Teacher Assistants	35	\$9.04	494	3.5	2.0	Short-term on-the-job training
107	37-2021	Pest Control Workers	4	\$11.78	654	4.2	2.5	Moderate-term on-the-job training
107	51-8031	Water and Liquid Waste Treatment Plant and System Operators	3	\$18.50	647	2.7	0.7	Long-term on-the-job training

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109	47-2073	Operating Engineers and Other Construction Equipment Operators	11	\$14.74	558	1.0	0.4	Moderate-term on-the-job training
110	43-4031	Court, Municipal, and License Clerks	10	\$12.36	457	3.8	1.7	Short-term on-the-job training
111	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	54	\$9.15	471	3.2	1.7	Short-term on-the-job training
112	43-4151	Order Clerks	13	\$11.07	516	3.4	1.5	Short-term on-the-job training
113	43-3031	Bookkeeping, Accounting, and Auditing Clerks	24	\$14.19	468	1.1	0.7	Moderate-term on-the-job training
114	11-3021	Computer and Information Systems Managers	1	\$33.40	638	2.3	1.0	Bachelor's or higher deg. + work exp.
115	43-4081	Hotel, Motel, and Resort Desk Clerks	22	\$8.55	520	6.4	1.3	Short-term on-the-job training
116	43-3011	Bill and Account Collectors	7	\$12.53	512	3.1	1.8	Short-term on-the-job training
117	29-2021	Dental Hygienists	1	\$35.36	585	2.0	1.3	Associate degree
117	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	135	\$7.34	458	6.6	1.2	Short-term on-the-job training
119	11-9111	Medical and Health Services Managers	1	\$31.00	707	1.4	1.0	Bachelor's or higher deg. + work exp.
120	53-3031	Driver/Sales Workers	12	\$8.04	539	4.3	3.0	Short-term on-the-job training
121	33-9032	Security Guards	24	\$8.48	592	2.6	1.1	Short-term on-the-job training
122	13-1021	Purchasing Agents and Buyers, Farm Products	2	\$17.71	525	5.0	2.0	Work experience in a related occupation
123	37-2012	Maids and Housekeeping Cleaners	39	\$7.41	420	4.3	2.1	Short-term on-the-job training
124	53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	3	\$19.27	610	1.5	0.7	Work experience in a related occupation
125	35-3031	Waiters and Waitresses	91	\$6.92	474	6.3	1.1	Short-term on-the-job training
125	43-4061	Eligibility Interviewers, Government Programs	5	\$15.92	482	2.7	1.0	Moderate-term on-the-job training
127	49-9052	Telecommunications Line Installers and Repairers	2	\$14.25	640	5.3	2.0	Long-term on-the-job training
128	21-1093	Social and Human Service Assistants	4	\$13.55	581	2.7	1.7	Moderate-term on-the-job training
129	49-3021	Automotive Body and Related Repairers	4	\$16.88	620	0.6	0.3	Long-term on-the-job training
130	41-3021	Insurance Sales Agents	3	\$29.08	577	-0.5	0.0	Bachelor's degree
131	39-1021	First-Line Supervisors/Managers of Personal Service Workers	6	\$11.63	505	4.3	1.8	Work experience in a related occupation
131	43-5071	Shipping, Receiving, and Traffic Clerks	15	\$11.35	551	1.5	0.8	Short-term on-the-job training
133	29-1071	Physician Assistants	1	\$33.73	566	2.6	1.0	Bachelor's degree
134	29-1031	Dietitians and Nutritionists	2	\$18.96	602	2.9	1.0	Bachelor's degree
135	29-1041	Optometrists	1	\$52.00	715	0.0	0.0	First professional degree
136	29-9011	Occupational Health and Safety Specialists	1	\$22.77	701	2.3	1.0	Bachelor's degree

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137	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	2	\$29.03	577	1.0	0.5	Work experience in a related occupation
138	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	24	\$6.71	416	6.9	1.8	Short-term on-the-job training
139	27-3021	Broadcast News Analysts	2	\$14.04	599	5.9	2.0	Bachelor's or higher deg. + work exp.
140	51-7011	Cabinetmakers and Bench Carpenters	6	\$13.08	592	1.8	0.7	Long-term on-the-job training
141	39-9011	Child Care Workers	18	\$8.63	555	2.9	1.0	Short-term on-the-job training
142	25-2011	Preschool Teachers, Except Special Education	7	\$10.19	530	2.7	2.5	Postsecondary vocational training
143	43-5031	Police, Fire, and Ambulance Dispatchers	4	\$12.05	608	3.3	1.3	Moderate-term on-the-job training
144	31-1011	Home Health Aides	10	\$9.51	521	2.6	2.3	Short-term on-the-job training
145	53-3022	Bus Drivers, School	7	\$11.12	550	2.7	1.3	Short-term on-the-job training
146	43-9061	Office Clerks, General	60	\$10.67	456	1.3	0.6	Short-term on-the-job training
147	53-7051	Industrial Truck and Tractor Operators	7	\$12.09	638	0.9	0.6	Short-term on-the-job training
148	43-6014	Secretaries, Except Legal, Medical, and Executive	30	\$9.76	483	1.8	1.1	Moderate-term on-the-job training
149	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	26	\$6.31	435	6.2	1.4	Short-term on-the-job training
150	25-4021	Librarians	2	\$17.41	647	2.0	1.0	Master's degree
151	51-3011	Bakers	6	\$8.25	575	4.5	2.0	Long-term on-the-job training
152	11-3042	Training and Development Managers	0	\$36.37	620	0.0	1.0	Bachelor's or higher deg. + work exp.
153	35-3011	Bartenders	22	\$7.25	507	4.5	1.2	Short-term on-the-job training
154	41-2022	Parts Salespersons	5	\$14.68	575	0.4	0.1	Moderate-term on-the-job training
155	53-7081	Refuse and Recyclable Material Collectors	3	\$14.89	519	3.1	1.5	Short-term on-the-job training
156	43-5032	Dispatchers, Except Police, Fire, and Ambulance	4	\$15.88	522	1.6	0.8	Moderate-term on-the-job training
157	41-2011	Cashiers	152	\$8.44	514	2.2	0.3	Short-term on-the-job training
158	11-3061	Purchasing Managers	0	\$29.78	677	0.0	1.0	Bachelor's or higher deg. + work exp.
159	27-3091	Interpreters and Translators	2	\$12.92	527	9.4	3.8	Long-term on-the-job training
160	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	44	\$6.88	436	4.7	0.5	Short-term on-the-job training
161	53-3041	Taxi Drivers and Chauffeurs	4	\$11.18	522	3.0	3.0	Short-term on-the-job training
162	43-3051	Payroll and Timekeeping Clerks	7	\$13.93	463	1.6	0.6	Moderate-term on-the-job training
163	11-3051	Industrial Production Managers	1	\$30.47	670	0.0	0.0	Work experience in a related occupation
164	53-7032	Excavating and Loading Machine and Dragline Operators	3	\$15.88	625	0.6	0.3	Moderate-term on-the-job training
165	47-2141	Painters, Construction and Maintenance	4	\$15.67	555	0.2	0.2	Moderate-term on-the-job training
166	37-3011	Landscaping and Groundskeeping Workers	32	\$9.35	516	0.9	0.4	Short-term on-the-job training

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167	41-3011	Advertising Sales Agents	2	\$13.61	540	5.3	2.0	Moderate-term on-the-job training
168	49-9043	Maintenance Workers, Machinery	4	\$12.49	626	1.8	0.8	Short-term on-the-job training
169	29-2012	Medical and Clinical Laboratory Technicians	1	\$16.12	627	4.5	1.0	Associate degree
170	51-4121	Welders, Cutters, Solderers, and Brazers	5	\$14.85	521	0.3	0.1	Long-term on-the-job training
171	43-5081	Stock Clerks and Order Fillers	31	\$10.09	441	1.1	0.2	Short-term on-the-job training
172	43-4171	Receptionists and Information Clerks	24	\$9.03	476	1.9	0.7	Short-term on-the-job training
173	35-9021	Dishwashers	22	\$6.58	464	4.6	1.0	Short-term on-the-job training
174	43-4161	Human Resources Assistants, Except Payroll and Timekeeping	3	\$16.30	533	1.4	0.7	Short-term on-the-job training
175	51-4041	Machinists	1	\$20.06	606	1.6	1.0	Long-term on-the-job training
176	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	37	\$9.63	468	0.3	0.1	Short-term on-the-job training
177	47-2061	Construction Laborers	12	\$11.59	566	-5.2	0.0	Moderate-term on-the-job training
178	17-3022	Civil Engineering Technicians	1	\$19.20	590	2.2	1.0	Associate degree
179	49-9098	Helpers--Installation, Maintenance, and Repair Workers	4	\$10.49	659	2.5	0.8	Short-term on-the-job training
180	43-2011	Switchboard Operators, Including Answering Service	18	\$8.40	421	2.6	1.0	Short-term on-the-job training
181	13-1051	Cost Estimators	2	\$21.04	607	-2.9	0.0	Work experience in a related occupation
182	11-9141	Property, Real Estate, and Community Association Managers	2	\$23.22	550	0.0	0.0	Bachelor's degree
183	47-2051	Cement Masons and Concrete Finishers	5	\$14.26	560	-5.3	0.0	Moderate-term on-the-job training
184	35-2012	Cooks, Institution and Cafeteria	9	\$10.18	522	1.7	0.4	Moderate-term on-the-job training
185	29-2081	Opticians, Dispensing	2	\$13.82	534	2.9	2.0	Long-term on-the-job training
186	47-4041	Hazardous Materials Removal Workers	2	\$13.11	627	3.0	1.0	Moderate-term on-the-job training
187	45-2091	Agricultural Equipment Operators	13	\$9.87	567	-1.2	0.0	Moderate-term on-the-job training
188	47-2121	Glaziers	5	\$9.92	504	2.3	1.3	Long-term on-the-job training
189	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3	\$15.01	592	0.0	0.0	Postsecondary vocational training
190	53-6031	Service Station Attendants	5	\$10.37	565	1.6	0.3	Short-term on-the-job training
191	13-1072	Compensation, Benefits, and Job Analysis Specialists	1	\$17.56	534	2.3	1.0	Bachelor's degree
192	47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	1	\$12.88	656	4.2	1.0	Moderate-term on-the-job training
193	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	294	\$7.36	460	-0.9	0.0	Short-term on-the-job training
194	43-6013	Medical Secretaries	4	\$11.49	499	2.0	1.0	Postsecondary vocational training
195	39-3091	Amusement and Recreation Attendants	8	\$7.85	457	3.4	0.9	Short-term on-the-job training
196	41-2021	Counter and Rental Clerks	8	\$10.52	420	1.2	0.3	Short-term on-the-job training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
197	25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	1	\$17.26	558	1.0	1.0	Bachelor's degree
198	13-2072	Loan Officers	2	\$21.27	471	-0.5	0.0	Bachelor's degree
199	49-9094	Locksmiths and Safe Repairers	1	\$13.31	638	2.9	1.0	Moderate-term on-the-job training
200	51-9122	Painters, Transportation Equipment	1	\$23.48	535	0.0	0.0	Long-term on-the-job training
201	43-3071	Tellers	11	\$10.17	471	-0.8	0.0	Short-term on-the-job training
202	45-2011	Agricultural Inspectors	2	\$16.75	536	0.0	0.0	Work experience in a related occupation
203	25-4031	Library Technicians	2	\$13.96	551	1.7	0.5	Postsecondary vocational training
204	47-2081	Drywall and Ceiling Tile Installers	5	\$12.00	347	0.2	0.1	Moderate-term on-the-job training
205	27-3031	Public Relations Specialists	1	\$20.78	539	0.0	0.0	Bachelor's degree
205	35-2015	Cooks, Short Order	5	\$7.34	518	3.4	0.8	Short-term on-the-job training
207	51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Ope	2	\$14.35	605	0.0	0.0	Moderate-term on-the-job training
208	53-7061	Cleaners of Vehicles and Equipment	10	\$7.89	505	0.2	0.1	Short-term on-the-job training
209	47-2131	Insulation Workers, Floor, Ceiling, and Wall	3	\$11.53	304	2.8	1.0	Moderate-term on-the-job training
210	29-2071	Medical Records and Health Information Technicians	2	\$11.32	516	2.0	2.0	Associate degree
211	43-4131	Loan Interviewers and Clerks	1	\$13.57	506	3.8	1.3	Short-term on-the-job training
212	21-1011	Substance Abuse and Behavioral Disorder Counselors	1	\$17.14	570	0.0	0.0	Master's degree
213	13-1071	Employment, Recruitment, and Placement Specialists	0	\$17.13	543	0.0	1.0	Bachelor's degree
213	43-9022	Word Processors and Typists	2	\$12.44	492	2.3	1.0	Moderate-term on-the-job training
215	47-2082	Tapers	3	\$14.50	311	0.0	0.0	Moderate-term on-the-job training
216	27-1023	Floral Designers	1	\$13.63	545	2.0	1.0	Moderate-term on-the-job training
217	29-2051	Dietetic Technicians	2	\$8.80	432	4.5	2.0	Moderate-term on-the-job training
218	43-3061	Procurement Clerks	2	\$15.50	506	-1.9	0.0	Short-term on-the-job training
219	43-3021	Billing and Posting Clerks and Machine Operators	3	\$12.12	443	0.3	0.2	Moderate-term on-the-job training
220	53-7064	Packers and Packagers, Hand	9	\$7.73	439	-0.2	0.0	Short-term on-the-job training
221	43-4071	File Clerks	6	\$8.98	475	-1.7	0.0	Short-term on-the-job training
222	51-3092	Food Batchmakers	3	\$9.57	525	1.3	0.5	Short-term on-the-job training
223	45-2041	Graders and Sorters, Agricultural Products	9	\$7.59	365	-1.5	0.0	Work experience in a related occupation
224	27-1026	Merchandise Displayers and Window Trimmers	2	\$8.03	532	2.2	2.0	Moderate-term on-the-job training
225	47-2151	Pipelayers	1	\$15.50	557	-4.2	0.0	Moderate-term on-the-job training
226	47-2044	Tile and Marble Setters	1	\$13.89	604	-5.2	0.0	Long-term on-the-job training

Rank based on comparative scores in openings, wages, skills, growth, and turnover, using weights 3, 3, 1, 1, 1								
Rank	SOC Code	Occupational Title	Open-ings	Hourly Wage	ONET Score	Growth Rate	Turn-over Ratio	Training / Education Requirements
227	47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	3	\$9.18	304	1.9	0.5	Short-term on-the-job training
228	51-6011	Laundry and Dry-Cleaning Workers	3	\$7.72	502	1.8	0.7	Moderate-term on-the-job training
229	51-6021	Pressers, Textile, Garment, and Related Materials	2	\$7.55	334	2.2	2.0	Short-term on-the-job training
230	47-2021	Brickmasons and Blockmasons	2	\$10.99	550	-8.4	0.0	Long-term on-the-job training
231	51-2092	Team Assemblers	2	\$10.54	531	0.0	0.0	Moderate-term on-the-job training
232	51-5023	Printing Machine Operators	1	\$8.64	492	4.2	1.0	Moderate-term on-the-job training
233	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	1	\$11.33	609	-4.5	0.0	Moderate-term on-the-job training
234	47-3013	Helpers--Electricians	2	\$9.23	589	-3.8	0.0	Short-term on-the-job training
235	43-9011	Computer Operators	1	\$13.02	508	0.0	0.0	Moderate-term on-the-job training
236	43-9071	Office Machine Operators, Except Computer	2	\$8.38	329	2.2	1.0	Short-term on-the-job training
237	39-5012	Hairdressers, Hairstylists, and Cosmetologists	2	\$10.04	520	-0.4	0.0	Postsecondary vocational training
238	43-4141	New Accounts Clerks	1	\$13.25	487	-1.6	0.0	Work experience in a related occupation
239	39-9021	Personal and Home Care Aides	2	\$8.61	502	0.8	0.5	Short-term on-the-job training
240	41-9011	Demonstrators and Product Promoters	1	\$9.34	502	2.0	1.0	Moderate-term on-the-job training
241	51-9198	Helpers--Production Workers	3	\$8.33	495	-0.9	0.0	Short-term on-the-job training
242	51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1	\$10.29	578	0.0	0.0	Moderate-term on-the-job training
243	43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1	\$12.35	510	-1.1	0.0	Short-term on-the-job training
244	41-9041	Telemarketers	2	\$8.60	403	0.8	0.5	Short-term on-the-job training
245	43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1	\$12.58	395	-2.5	0.0	Short-term on-the-job training
246	51-2041	Structural Metal Fabricators and Fitters	1	\$10.68	538	-3.1	0.0	Moderate-term on-the-job training
247	47-3012	Helpers--Carpenters	1	\$10.01	569	-8.9	0.0	Short-term on-the-job training
248	47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	1	\$10.75	354	-3.8	0.0	Short-term on-the-job training
249	51-6031	Sewing Machine Operators	1	\$9.52	440	0.0	0.0	Moderate-term on-the-job training

TERM (Training & Education Resource Model) Occupations Report

Column		Explanation
A	Rank	This is the rank of the occupation based on comparative scores in five areas, openings, wages, skills, growth rate, and turn over ratio as shown in columns D through H. Tie scores get tie ranks.
B	SOC Code	Standard Occupational Classification system. SOC is used by federal agencies collecting occupational data, providing a means to compare occupational data across agencies. It is designed to cover all occupations in which work is performed for pay or profit, reflecting the current occupational structure in the United States. For more info on SOC, see: http://www.bls.gov/soc/socguide.htm
C	SOC Title	The title of the occupation, as assigned by the Standard Occupational Classification system (SOC).
D	Openings	Average number of projected openings (from growth + turnover) expected per year for the occupation. Projected openings based on 2005-2015 occupation projections.
E	Hourly Wage	Based on the average of the wage of the occupation. Wages based on 2005 Occupational Employment Statistics (OES) survey. Hourly wages were calculated by dividing annual wages by 2080 hours (40 hours X 52 weeks).
F	O*NET Score	O*NET is an acronym for the Occupational Information Network (http://www.onetcenter.org/). This data is a measure of the skills, knowledge, and abilities required for the occupation. The numerical score for each comparative occupational descriptor in the O*NET Knowledge, Skills, and Abilities data files were summed for each occupation and then ranked by percentile.
G	Growth Rate	The two-year projected rate of growth in employment of the occupation. This number could be negative but usually is not. Occupational growth rate is from the 2005-2015 Occupational Projections produced by the AzDES Research Administration.
H	Turnover Ratio	This is the projected number of annual openings due to growth divided by the projected number of annual openings due to replacement (like retirements, quits, promotions, etc.). Higher ratios indicate lower turnover . Based on the 2005-2015 occupational projections data.
I	Education / Training Requirements	The job training and educational levels as assigned by the Bureau of Labor Statistics (BLS). See detailed descriptions of the BLS codes on page two of these notes. Note that a higher code number indicates a lower amount of education or training time.

Calculation method	
1	Hourly wages were calculated by dividing annual wages by 2080 hours (40 hours X 52 weeks).
2	In this iteration of the TERM, there were no restrictions on the BLS Training and Educational code. Note that the lower the training and educational time requirement, the higher the code numbers (see below).
3	Percentiles were calculated for each statistic shown. In case of a tie, the same percentile was assigned to all SOC's involved in the tie.
4	The following formula determined the score for each SOC: $(3 \times \text{openings percentile} + 3 \times \text{wage percentile} + \text{O*NET percentile} + \text{growth percentile} + \text{turnover percentile}) / 9$
BLS (Bureau of Labor Statistics) Education and Training Codes	
1	First professional degree
2	Doctoral degree
3	Master's degree
4	Bachelor's or higher degree, plus work experience
5	Bachelor's degree
6	Associate degree
7	Post-secondary vocational training
8	Work experience in related occupation
9	Long-term on-the-job training
10	Moderate-term on-the-job training
11	Short-term on-the-job training
Sources	
1	Openings and wage data are produced by the Arizona Department of Economic Security, Research Administration, in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics. Wages are from the 2005 Occupational Employment Statistics (OES) survey, and openings are from the 2005-2015 occupational employment projections.
2	For the O*Net score, the O*Net database version 9.0 was used. (www.onetcenter.org/database.html)
3	The education and training codes are from the Bureau of Labor Statistics (BLS) website at ftp://ftp.bls.gov/pub/special.requests/ep/optddata/optd0212.txt
Questions and Comments	
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